IDC4 Update

MARINE 4.0.0

TEXA

Dear Customer,
thank you for installing the new version 4 of TEXA's IDC4 MARINE diagnosis software. In this version we have developed diagnoses both for inboard motors and for outboard motors. **With regard to the diagnoses of inboard motors the brands developed are:**

- **Cummins MerCruiser Diesel:** using the new cable code 3904277 Marine auto diagnostic interface cable (AM24) CUMMINS/VM it is possible to intervene on QSD models for engine types from 2000 cc to 4200 cc BOSCH diesel injection system
- **PCM marine engines:** GM – Delphi petrol injection diagnosis has been developed for Pro Sport MP (5.0L), Excalibur MP (5.7L), ZR-6 MP (6.0L) models
- **SISU:** diagnosis added for models 66 CTIM - 4 V, 74 CTIM - 4 V, 84 CTIM - 4 V, 44 CTIM - 2 V, 49 CTIM - 4 V
- **YANMAR:** BOSCH diesel injection diagnosis added for models 4BY2-180/180Z , 6BY2-220/220Z, 6BY2-260/260Z, 4BY2-150/150Z. For the diagnosis of these models it is necessary to use the new cable code 3902931 Marine (AM15) YANMAR auto diagnostic interface cable
- **PERKINS**: diesel injection diagnosis has been developed for 1106C-E60TA (366 cu/6.0L) model that will use the new cable code 3904266 PERKINS marine auto diagnostic interface cable.

With regard to the diagnosis of outboard motors the brand JOHNSON has been added with the injection diagnosis for engine types ranging from 814 cc to 2044 cc. The diagnosis database has been updated for Yamaha models year 2011 such as F300B, F225F and F250D models; the database for Suzuki egines has been extended with the introduction of models such as DF60, DF70 and DF90.
But the real novelty is the new version of IDC4 exclusively for AXONE 4, implemented by innovative diagnostic solutions and a new icon sequence that will help you selecting the desired systems and functions. Following you will be able to consult the description of the new AXONE 4 graphic interface and to view the diagnostic novelties introduced by 4.0.0 release.

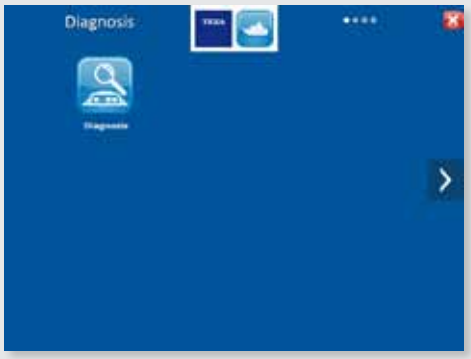
Enjoy your reading!

NEW GRAPHIC INTERFACE

AXONE 4 changes its graphic design offering a new menu that makes the tool navigation even more simple and intuitive. At the same time the newly added software functions will help you have your work under control! Let's find out all the new features that make AXONE 4 a unique and revolutionary tool in the global diagnosis world!

DIAGNOSIS MENU

Inside this menu you will be able to access the diagnosis functions.



MEASUREMENTS MENU

This menu lists all the functions that IDC4 software offers for the use of TEXA tools dedicated to the analysis of exhaust gas (GASBOX and OPABOX) and to measurements (UNIProbe and TwinProbe).

Signal generator: by configuring the new measurement tool TwinProbe in IDC4, you may perform the new function SIGNAL GENERATOR. This operation requires the use of the optional cable kit that enables the generation of two PWM square waves types: the first is a square wave with a limited current and a 0-5V value, usable for example in the simulation of the vehicle's sensors; the second, able to supply up to 5A, can pilot the vehicle's actuators directly. A feature that makes AXONE 4 an exceptional tool is the option of using the software functions during the diagnosis session:

OSCILLOSCOPE AND SIGNAL GENERATOR

This mode allows to control the diagnosis page simultaneously and, optionally, the oscilloscope page (with the display of the wave shapes that you want to measure) or the one of signal generation (with the data display of the generated PMW signal), with the advantage of having a real-time counterproof of the operation. For more information contact your trusted TEXA dealer.

DATA MENU

in this page you will find all the technical information that the tool provides such as wiring diagrams, mechanical data and besides by clicking directly on "EDU" icon you will be able to navigate the site dedicated to the courses that TEXA offers in its training centres (internet connection required).

SETTINGS MENU

Through this menu you have access to the service programs that allow you to access to the applications dedicated to customer profiling, to the settings for the configuration and consultation of documents such as IDC4 software manual or the vehicles coverage of the diagnosis software, and to the version release notes.

But this version's new features are not over yet!

AXONE 4, the always-connected device! A new software function has been implemented that enables the tool to be always connected if the workshop is provided with a wi-fi network, allowing to make the most of the services that TEXA offers, such as for example the software update and the use of "SOLVED PROBLEMS" function powered by Google.

A new technology for downloading updates has been adopted. This allows subscribing customers to have faster downloads for intermediate update versions.

The software's ease-of-use has been improved. The access password to the "settings" menu has been removed.

The device firmware update function is automated. This new procedure allows saving some precious time by carrying out the function independently whenever this becomes necessary.

As always, IDC4 constantly adds to its database by inserting new information and wiring diagrams version after version, all with the aim of helping you in the cases where reading available information by connecting the diagnosis tool is not enough to solve the problem. You can browse through all these new features via the DOCUMENTATION menu in the IDC4 software. Here it is plain to see how TEXA works on new developments day after day - all in order to provide you with a tool as professional as you are!

Keep up the good work!

TEXA S.p.A.

VEHICLE COVERAGE

JET SKIS							
HONDA MARINE	KAWASAKI	SAEDOO	YAMAHA				

INBOARD ENGINES							
FNM	FPT	ILMOR	INDMAR	PCM	PERKINS	MERCRUISER	MERCURY MERCRUISER
MERCURY RACING	SAEDOO	VOLKSWAGEN MARINE	STEY MOTORS	VOLVO PENTA	YANMAR		

OUTBOARD ENGINES							
EVINRUDE	HONDA MARINE	JOHNSON	HONDA MARINE	MARINER	MERCURY MERCRUISER	MERCURY MARINE	MERCURY RACING
SUZUKI MARINE	YAMAHA						

LEGEND	
	Brands that offer updates on this version
	Brands that do not offer updates on this version

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JET SKIS: DIAGNOSTICS			
KAWASAKI MARINE	Ultra 250X	1498 i.e.	Petrol injection
SEA-DOO (BRP)	RXP	--	Service system
SEA-DOO (BRP)	RXP	1494 i.e.	Service system
SEA-DOO (BRP)	RXT	--	Service system
SEA-DOO (BRP)	RXT	1494 i.e.	Service system
INBOARD ENGINES: DIAGNOSTICS			
Cummins MerCruiser Diesel	QSD 2.0-115	2000 cc	Diesel injection
Cummins MerCruiser Diesel	QSD 2.0-130	2000 cc	Diesel injection
Cummins MerCruiser Diesel	QSD 2.0-150	2000 cc	Diesel injection
Cummins MerCruiser Diesel	QSD 2.0-170	2000 cc	Diesel injection
Cummins MerCruiser Diesel	QSD 2.8-220	2800 cc	Diesel injection
Cummins MerCruiser Diesel	QSD 4.2-270	4200 cc	Diesel injection
Cummins MerCruiser Diesel	QSD 4.2-320	4200 cc	Diesel injection
Cummins MerCruiser Diesel	QSD 4.2-350	4200 cc	Diesel injection
PCM marine engines	Excalibur MP (5.7L)	5700 i.e.	Petrol injection
PCM marine engines	Excalibur MP (5.7L)	5700 i.e.	Petrol injection
PCM marine engines	Pro Sport MP (5.0L)	5000 i.e.	Petrol injection
PCM marine engines	Pro Sport MP (5.0L)	5000 i.e.	Petrol injection
PCM marine engines	ZR-6 MP (6.0L)	6000 i.e.	Petrol injection
PCM marine engines	ZR-6 MP (6.0L)	6000 i.e.	Petrol injection
PCM marine engines	ZR-6 MP (6.0L)	6000 i.e.	Petrol injection
PCM marine engines	ZR-6 MP (6.0L)	6000 i.e.	Petrol injection
PERKINS	1106C-E60TA (366 cu/6.0L)	6000 i.e.	Diesel injection
YANMAR	4BY2-150/150Z	1995 i.e.	Diesel injection
YANMAR	4BY2-180/180Z	1995 i.e.	Diesel injection
YANMAR	6BY2-220/220Z	2993 i.e.	Diesel injection
YANMAR	6BY2-260/260Z	2993 i.e.	Diesel injection
OUTBOARD ENGINES: DIAGNOSTICS			
EVINRUDE	E-TEC 115 - V4	1727 i.e.	Petrol injection
EVINRUDE	E-TEC 115 - V4	1727 i.e.	Petrol injection
EVINRUDE	E-TEC 115 H.O. - V4	1727 i.e.	Petrol injection
EVINRUDE	E-TEC 115 H.O. - V4	1727 i.e.	Petrol injection
EVINRUDE	E-TEC 150 - V6	2592 i.e.	Petrol injection
EVINRUDE	E-TEC 150 - V6	2592 i.e.	Petrol injection
EVINRUDE	E-TEC 150 H.O. - V6	2592 i.e.	Petrol injection
EVINRUDE	E-TEC 150 H.O. - V6	2592 i.e.	Petrol injection
EVINRUDE	E-TEC 175 - V6	2592 i.e.	Petrol injection
EVINRUDE	E-TEC 175 - V6	2592 i.e.	Petrol injection
EVINRUDE	E-TEC 200 - V6	2592 i.e.	Petrol injection
EVINRUDE	E-TEC 200 - V6	2592 i.e.	Petrol injection
EVINRUDE	E-TEC 225 - V6	3279 i.e.	Petrol injection
EVINRUDE	E-TEC 225 - V6	3279 i.e.	Petrol injection
EVINRUDE	E-TEC 225 H.O. - V6	3279 i.e.	Petrol injection
EVINRUDE	E-TEC 225 H.O. - V6	3279 i.e.	Petrol injection
EVINRUDE	E-TEC 250 - V6	3279 i.e.	Petrol injection
EVINRUDE	E-TEC 250 - V6	3279 i.e.	Petrol injection
EVINRUDE	E-TEC 250 H.O. - V6	3441 i.e.	Petrol injection
EVINRUDE	E-TEC 250 H.O. - V6	3441 i.e.	Petrol injection
EVINRUDE	E-TEC 75 - INLINE 3	1296 i.e.	Petrol injection
EVINRUDE	E-TEC 75 - INLINE 3	1296 i.e.	Petrol injection

EVINRUDE	E-TEC 90 - INLINE 3	1296 i.e.	Petrol injection
EVINRUDE	E-TEC 90 - INLINE 3	1296 i.e.	Petrol injection
JOHNSON	40	814 i.e.	Petrol injection
JOHNSON	40	814 i.e.	Petrol injection
JOHNSON	50	814 i.e.	Petrol injection
JOHNSON	50	814 i.e.	Petrol injection
JOHNSON	60	1298 i.e.	Petrol injection
JOHNSON	60	1298 i.e.	Petrol injection
JOHNSON	70	1298 i.e.	Petrol injection
JOHNSON	70	1298 i.e.	Petrol injection
JOHNSON	90	1950 i.e.	Petrol injection
JOHNSON	90	1950 i.e.	Petrol injection
JOHNSON	115	1950 i.e.	Petrol injection
JOHNSON	115	1950 i.e.	Petrol injection
JOHNSON	140	2044 i.e.	Petrol injection
JOHNSON	140	2044 i.e.	Petrol injection
SUZUKI MARINE	DF60	1298 i.e.	Petrol injection
SUZUKI MARINE	DF60	1298 i.e.	Petrol injection
SUZUKI MARINE	DF60	1298 i.e.	Petrol injection
SUZUKI MARINE	DF70	1298 i.e.	Petrol injection
SUZUKI MARINE	DF70	1298 i.e.	Petrol injection
SUZUKI MARINE	DF70	1298 i.e.	Petrol injection
SUZUKI MARINE	DF90	1950 i.e.	Petrol injection
SUZUKI MARINE	DF90	1950 i.e.	Petrol injection
SUZUKI MARINE	DF90	1950 i.e.	Petrol injection
YAMAHA MARINE	F225F	4169 i.e.	Petrol injection
YAMAHA MARINE	F225F	4169 i.e.	Petrol injection
YAMAHA MARINE	F225F	4169 i.e.	Petrol injection
YAMAHA MARINE	F225F	4169 i.e.	Petrol injection
YAMAHA MARINE	F250D	4169 i.e.	Petrol injection
YAMAHA MARINE	F250D	4169 i.e.	Petrol injection
YAMAHA MARINE	F250D	4169 i.e.	Petrol injection
YAMAHA MARINE	F250D	4169 i.e.	Petrol injection
YAMAHA MARINE	F300B	4169 i.e.	Petrol injection
YAMAHA MARINE	F300B	4169 i.e.	Petrol injection
YAMAHA MARINE	F300B	4169 i.e.	Petrol injection
YAMAHA MARINE	F300B	4169 i.e.	Petrol injection
YAMAHA MARINE	F40G	996 i.e.	Petrol injection
YAMAHA MARINE	F40G	996 i.e.	Petrol injection
YAMAHA MARINE	F40G	996 i.e.	Petrol injection
YAMAHA MARINE	F40G	996 i.e.	Petrol injection
YAMAHA MARINE	F70A	996 i.e.	Petrol injection
YAMAHA MARINE	F70A	996 i.e.	Petrol injection
YAMAHA MARINE	F70A	996 i.e.	Petrol injection
YAMAHA MARINE	F70A	996 i.e.	Petrol injection

INBOARD ENGINES: WIRING DIAGRAMS

Cummins MerCruiser Diesel	QSD 2.0-115	2000 cc	Diesel injection
Cummins MerCruiser Diesel	QSD 2.0-130	2000 cc	Diesel injection
Cummins MerCruiser Diesel	QSD 2.0-150	2000 cc	Diesel injection
Cummins MerCruiser Diesel	QSD 2.0-170	2000 cc	Diesel injection
Cummins MerCruiser Diesel	QSD 2.8-220	2800 cc	Diesel injection
Cummins MerCruiser Diesel	QSD 4.2-270	4200 cc	Diesel injection

Cummins MerCruiser Diesel	QSD 4.2-320	4200 cc	Diesel injection
Cummins MerCruiser Diesel	QSD 4.2-350	4200 cc	Diesel injection
INDMAR	5.7L	5700 i.e.	Petrol injection
INDMAR	5.7L HO	5700 i.e.	Petrol injection
INDMAR	5.7L HO SS	5700 i.e.	Petrol injection
INDMAR	6.0L	6000 i.e.	Petrol injection
INDMAR	6.0L SS	6000 i.e.	Petrol injection

OUTBOARD ENGINES: WIRING DIAGRAMS

SUZUKI MARINE	DF100	1950 i.e.	Petrol injection
SUZUKI MARINE	DF115	1950 i.e.	Petrol injection
SUZUKI MARINE	DF140	2044 i.e.	Petrol injection
SUZUKI MARINE	DF90	1950 i.e.	Petrol injection

INBOARD ENGINES: TECHNICAL BULLETTINS

VOLVO PENTA	D11 EVC	10800 cc	Engine Compartment
VOLVO PENTA	D12 EVC	12100 cc	Engine Compartment
VOLVO PENTA	D13 EVC	12800 cc	Engine Compartment
VOLVO PENTA	D3 EVC	2400 cc	Engine Compartment
VOLVO PENTA	D4 EVC	3700 cc	Engine Compartment
VOLVO PENTA	D6 EVC	5500 cc	Engine Compartment
VOLVO PENTA	D9 EVC	9400 cc	Engine Compartment
VOLVO PENTA	TAMD - 74	7300 cc	Diesel injection
VOLVO PENTA	TAMD - 75	7300 cc	Diesel injection

OUTBOARD ENGINES: TECHNICAL BULLETTINS

EVINRUDE	E-TEC 130 - V4	1727 i.e.	Petrol injection
EVINRUDE	E-TEC 20 - INLINE 2	577 i.e.	Petrol injection
EVINRUDE	E-TEC 30 - INLINE 2	577 i.e.	Petrol injection
EVINRUDE	E-TEC 300 - V6	3441 i.e.	Petrol injection
EVINRUDE	E-TEC 40 - INLINE 2	864 i.e.	Petrol injection
EVINRUDE	E-TEC 50 - INLINE 2	864 i.e.	Petrol injection
EVINRUDE	E-TEC 60 - INLINE 2	864 i.e.	Petrol injection
HONDA MARINE	BF40D	808 i.e.	Petrol injection
HONDA MARINE	BF50D	808 i.e.	Petrol injection
MARINER	115 DFI / Optimax (1.5L)	1498 i.e.	Petrol injection
MARINER	135 DFI / Optimax (2.5L)	2507 i.e.	Petrol injection
MARINER	150 DFI / Optimax (2.5L)	2507 i.e.	Petrol injection
MARINER	150 EFI (2.5L)	2507 i.e.	Petrol injection
MARINER	175 DFI / Optimax (2.5L)	2507 i.e.	Petrol injection
MARINER	175 EFI (2.5L)	2507 i.e.	Petrol injection
MARINER	200 DFI / Optimax (3.0L)	3032 i.e.	Petrol injection
MARINER	200 DFI / Optimax (3.0L) DTS	3032 i.e.	Petrol injection
MARINER	200 EFI (2.5L)	2507 i.e.	Petrol injection
MARINER	200 EFI (3.0L)	3032 i.e.	Petrol injection
MARINER	225 DFI / Optimax (3.0L)	3032 i.e.	Petrol injection
MARINER	225 DFI / Optimax (3.0L) DTS	3032 i.e.	Petrol injection
MARINER	225 EFI (3.0L)	3032 i.e.	Petrol injection
MARINER	250 EFI (3.0L)	3032 i.e.	Petrol injection
MARINER	3.0 EFI SEAPRO/MARATHON	3032 i.e.	Petrol injection
MARINER	75 DFI / Optimax (1.5L)	1498 i.e.	Petrol injection
MARINER	90 DFI / Optimax (1.5L)	1498 i.e.	Petrol injection
MERCURY	115 DFI / Optimax (1.5L)	1498 i.e.	Petrol injection
MERCURY	135 DFI / Optimax (2.5L)	2507 i.e.	Petrol injection

MERCURY	150 DFI / Optimax (2.5L)	2507 i.e.	Petrol injection
MERCURY	150 EFI (2.5L)	2507 i.e.	Petrol injection
MERCURY	175 DFI / Optimax (2.5L)	2507 i.e.	Petrol injection
MERCURY	175 EFI (2.5L)	2507 i.e.	Petrol injection
MERCURY	200 DFI / Optimax (3.0L)	3032 i.e.	Petrol injection
MERCURY	200 DFI / Optimax (3.0L) DTS	3032 i.e.	Petrol injection
MERCURY	200 EFI (2.5L)	2507 i.e.	Petrol injection
MERCURY	200 EFI (3.0L)	3032 i.e.	Petrol injection
MERCURY	225 DFI / Optimax (3.0L)	3032 i.e.	Petrol injection
MERCURY	225 DFI / Optimax (3.0L) DTS	3032 i.e.	Petrol injection
MERCURY	225 EFI (3.0L)	3032 i.e.	Petrol injection
MERCURY	250 EFI (3.0L)	3032 i.e.	Petrol injection
MERCURY	3.0 EFI SEAPRO/MARATHON	3032 i.e.	Petrol injection
MERCURY	75 DFI / Optimax (1.5L)	1498 i.e.	Petrol injection
MERCURY	90 DFI / Optimax (1.5L)	1498 i.e.	Petrol injection
MERCURY RACING	2.5 XS Optimax	3032 i.e.	Petrol injection
MERCURY RACING	200 DFI / Optimax JET DRIVE	2507 i.e.	Petrol injection
MERCURY RACING	200 XS Optimax (2.5L DFI)	2507 i.e.	Petrol injection
MERCURY RACING	225 Pro XS Optimax (3.0L DFI)	3032 i.e.	Petrol injection
MERCURY RACING	225 Sport XS Optimax (3.0L DFI)	3032 i.e.	Petrol injection
MERCURY RACING	225X EFI PRO MAX (2.5L)	2507 i.e.	Petrol injection
MERCURY RACING	250 XS Optimax (3.0L DFI)	3032 i.e.	Petrol injection
MERCURY RACING	300X EFI PRO MAX (3.0L)	3160 i.e.	Petrol injection
SUZUKI MARINE	DF40	814 i.e.	Petrol injection
SUZUKI MARINE	DF50	814 i.e.	Petrol injection

WARNING

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